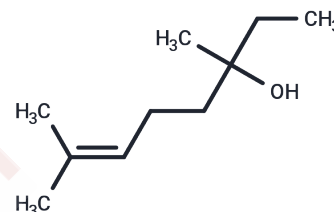


## 3,7-dimethyloct-6-en-3-ol

## Chemical Properties

CAS No. :	18479-51-1
Formula:	C <sub>10</sub> H <sub>20</sub> O
Molecular Weight:	156.27
Storage:	Store at 4°C Actual storage temperature shall be subject to the COA.



## Biological Description

Description	3,7-dimethyloct-6-en-3-ol (3,7-Dimethyl-6-octen-3-ol) is a RIFM fragrance with no skin sensitization issues detected so far.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.3992 mL	31.9959 mL	63.9918 mL
5 mM	1.2798 mL	6.3992 mL	12.7984 mL
10 mM	0.6399 mL	3.1996 mL	6.3992 mL
50 mM	0.128 mL	0.6399 mL	1.2798 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Silva-Santos, L., Neto, L.P., Corte-Real, N. et al. Elicitation with Methyl Jasmonate and Salicylic Acid Increase Essential Oil Production and Modulate Physiological Parameters in *Lippia alba* (Mill) N.E. Brown (Verbenaceae). *J Plant Growth Regul* 42, 5909-5927 (2023).

Cai Y, et al. Biological activity and safety profile of monoterpenes against *Plutella xylostella* L. (Lepidoptera: Plutellidae). *Environ Sci Pollut Res Int*. 2020 Jul;27(20):24889-24901.

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